

# PEARSON™ CURRENT MONITOR MODEL 4418

Sensitivity	0.001 Volt/Ampere ±1%
Output resistance	50 Ohms
Maximum peak current	200,000 Amperes
Maximum rms current	400 Amperes
Droop rate	0.05 %/millisecond
Useable rise time	200 nanoseconds
Current time product	6 Ampere-second maximum*
Low frequency 3dB cut-off	0.7 Hz (approximate)
High frequency 3dB cut-off	2 MHz (approximate)
l/f figure	40 peak Amperes/Hz
Output connector	BNC (UG-290A/U)
Operating temperature	0 to 65 °C
Weight	22 ounces

\* Maximum current-time product can be obtained by using core-reset bias as described in the *Application Notes*.  
2 Ampere-second is typical without bias.

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